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 TI Admixtures for cement, and cement compositions  
 containing the admixtures  
 IN Kyogoku, Yasuhiro; Kanamori, Shinji; Ida, Makio; Mihara, Toshio  
 PA Denki Kagaku Kogyo Kk, Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
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DT Patent  
 LA Japanese  
 IC ICM C04B022-12  
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 CC 58-1 (Cement, Concrete, and Related Building Materials)  
 FAN.CNT 1

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CLASS

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AB Th admixts. contain latent hydraulic binders, Ca fluoroaluminates, inorg. sulfates, thickeners, and water reducing agents, and are mixed with cement to give the cement compns. Concrete prepared from a composition containing portland cement 56, fly ash 24, Ca fluoroaluminate 10, and II-type anhydrite 10 weight parts 460, water 158.1, fine aggregate 889, coarse aggregate 741, and Darex Super 100PHX (water reducing agent) 6.9 kg/m3, with addition of Me cellulose 20, and air-entraining agent 23 g/m3, had excellent workability and 3-, 7-, and 28-day compressive strength 260, 340, and 480 kg/cm2, resp.

ST calcium fluoroaluminate sulfate cement; fly ash calcium fluoroaluminate concrete

IT Concrete

- Cement  
 - fly ash  
 - water  
 - water reducing agent